

FORM PTO-1449

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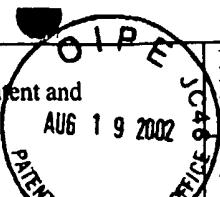
AUG 19 2002

Docket No.  
INVIT1140-3Serial No.:  
10/003,021

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Applicants: Fernandez et al.

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT BY APPLICANTFiling Date:  
November 14, 2001Group Art U TECH CENTER 1600/2900  
1652

## U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>CJZ</i>	AA	Whyte et al., "Molecular Cloning of Chromosome I DNA from <i>Saccharomyces cerevisiae</i> : Isolation, Characterization and Regulation of the SP07 Sporulation Gene," <i>Gene</i> . <b>95</b> : 65-72 (1990).
	AB	Ono et al., Cloning and Characterization of the CYS3 (CY11) Gene of <i>Saccharomyces cerevisiae</i> ," <i>J. Bacteriology</i> <b>174</b> (10): 3339-3347 (1992).
	AC	Van Zyl et al., "Inactivation of the Protein Phosphatase 2A Regulatory Subunit A Results in Morphological and Transcriptional Defects in <i>Saccharomyces cerevisiae</i> ," <i>Mol. and Cell. Bio.</i> <b>12</b> (11): 4946-4959.
<i>↓</i>	AD	Hiraga et al., "Cloning and Characterization of the Elongation Factor EF-1 $\beta$ Homologue of <i>Saccharomyces cerevisiae</i> ," <i>FEBS</i> <b>316</b> (2): 165-169 (1993).

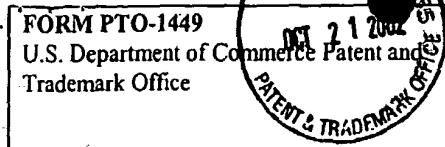
EXAMINER <i>Charlton T. Wende</i>	DATE CONSIDERED <i>4/11/04</i>
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EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CJJ	AA	4,816,567	03/28/89	Cabilly et al.	530	387	04/08/83
J	AB	5,283,173	02/01/94	Fields et al.	435	6	01/24/90
J	AC	6,340,595 B1	01/22/02	Vogels et al.	435	457	07/21/99

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	AD	0 404 097 A2	06/20/90	Europe	C07K	15/28	NO
CJJ	AE	WO 93/11161	06/10/93	PCT	C07K	15/28	NO

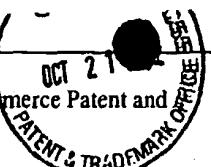
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

CJJ	AF	Benoist and Chambon, "In vivo Sequence Requirements of the SV40 Early Promoter Region," <i>Nature</i> , 290:304-310, Macmillan Journals Ltd. (1981).
J	AG	Botstein et al., "Making Mutations <i>In Vitro</i> and Putting Them Back into Yeast," <i>Miami Winter Symposia</i> , 19:265-274, Academic Press, Inc. (1982).
J	AH	Broach, "The Yeast Plasmid 2μ Circle," <i>Cell</i> , 28:203-204, MIT (1982).
J	AI	Centatiempo, "Prokaryotic Gene Expression <i>in vitro</i> : Transcription – Translation Coupled System," <i>Biochimie</i> , 68:505-515, Société de Chimie biologique, Elsevier (1986).
J	AJ	Chong et al., "Single-Column Purification of Free Recombinant Proteins Using a Self-Cleavable Affinity Tag Derived from a Protein Splicing Element," <i>Gene</i> , 192:271-281, Elsevier Science B.V. (1997).

EXAMINER <i>Charlene T. Wende</i>	DATE CONSIDERED <i>11/16/02</i>
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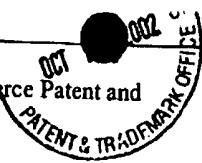
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<i>CD</i>	AK	Clackson et al., "Making Antibody Fragments Using Phage Display Libraries," <i>Nature</i> , 352:624-628 (1991).
	AL	Daniels and Lane, "Phage Peptide Libraries," <i>Methods: A Companion to Methods in Enzymology</i> , 9:494-507, Academic Press, Inc. (1996).
	AM	Gilman et al., "Isolation of Sigma-28-Specific Promoters from <i>Bacillus subtilis</i> DNA," <i>Gene</i> , 32:11-20, Elsevier Science Publishers (1984).
	AN	Gottesman, "Bacterial Regulation: Global Regulatory Networks," <i>Ann. Rev. Genet.</i> , 18:415-441 (1984).
	AO	Hallet and Sherratt, "Transposition and Site-Specific Recombination: Adapting DNA Cut-and-Paste Mechanisms to a Variety of Genetic Rearrangements," <i>FEMS Microbiology Reviews</i> , 21:157-178, Elsevier Science B.V. (1997).
	AP	Hamer and Walling, "Regulation <i>In Vivo</i> of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors," <i>Journal of Molecular and Applied Genetics</i> , 1:273-288, Raven Press (1982).
	AQ	Hiraga et al., "Cloning and Characterization of the Elongation Factor EF-1 $\beta$ Homologue of <i>Saccharomyces cerevisiae</i> ," <i>FEBS</i> 316 (2):165-169, Elsevier Science Publishers B.V. (1993).
	AR	Holliger et al., "Diabodies: Small Bivalent and Bispecific Antibody Fragments," <i>Proc. Natl. Acad. Sci.</i> , 90:6444-6448 (1993).
	AS	Iba and Kurosawa, "Comparison of Strategies for the Construction of Libraries of Artificial Antibodies," <i>Immunology and Cell Biology</i> , 75:217-221 (1997).
	AT	Jasney, "Insect Viruses Invade Biotechnology," <i>Science</i> , 79:1653 (1987).
	AU	John, Jr. and Twitty, "Plasmids as Epidemiologic Markers in Nosocomial Gram-Negative Bacilli: Experience at a University and Review of the Literature," <i>Reviews of Infectious Diseases</i> , 8:693-704, The University of Chicago (1986).
	AV	Johnston and Hopper, "Isolation of the Yeast Regulatory Gene GAL4 and Analysis of its Dosage Effects on the Galactose/Melibiose Regulon," <i>Proc. Natl. Acad. Sci.</i> , 79:6971-6975 (1982).

EXAMINER <i>Chasita T. Tandy</i>	DATE CONSIDERED <i>4/1/04</i>
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QJ	AW	Jones et al., "Replacing the Complementarity-Determining Regions in a Human Antibody with Those from a Mouse," <i>Nature</i> , 321:522-525 (1986).
	AX	Kendall and Cohen, "Plasmid Transfer in <i>Streptomyces lividans</i> : Identification of a <i>kil-kor</i> System Associated with the Transfer Region of pIJ101," <i>Journal of Bacteriology</i> , 169(9):4177-4183, American Society for Microbiology (1987).
	AY	Köhler and Milstein, "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," <i>Nature</i> , 256:495-497 (1975).
	AZ	Marks et al., "By-Passing Immunization: Human Antibodies from V-Gene Libraries Displayed on Phage," <i>J. Mol. Biol.</i> , 222:581-597, Academic Press Limited (1991).
	BA	McKnight, "Functional Relationships between Transcriptional Control Signals of the Thymidine Kinase Gene of Herpes Simplex Virus," <i>Cell</i> , 31:355-365, MIT (1982).
	BB	Morrison et al., "Chimeric Human Antibody Molecules: Mouse Antigen-Binding Domains with Human Constant Region Domains," <i>Proc. Natl. Acad. Sci.</i> , 81:6851-6855 (1984).
	BC	National Center for Biotechnology Information (NCBI), " <i>Saccharomyces cerevisiae</i> Chromosome I Centromere and Right Arm Sequence," No. L22015, Entire Record, Database GenBank, U.S. National Library of Medicine, Bethesda, MD (March 5, 1998).
	BD	National Center for Biotechnology Information (NCBI), " <i>Saccharomyces cerevisiae</i> Chromosome I Left Arm Sequence," No. L05146, Entire Record, Database GenBank, U.S. National Library of Medicine, Bethesda, MD (March 5, 1998).
	BE	Nunes-Düby et al., " $\lambda$ Integrase Cleaves DNA in <i>cis</i> ," <i>EMBO Journal</i> , 13(18):4421-4430, Oxford University Press (1994).
	BF	Ono et al., Cloning and Characterization of the CYS3 (CYI1) Gene of <i>Saccharomyces cerevisiae</i> ," <i>J. Bacteriology</i> 174 (10): 3339-3347, American Society for Microbiology (1992).
	BG	Pan et al., "Ligation of Synthetic Activated DNA Substrates by Site-Specific Recombinases and Topoisomerase I," <i>Journal of Biological Chemistry</i> , 268(5):3683-3689, The American Society for Biochemistry and Molecular Biology, Inc. (1993).

EXAMINER

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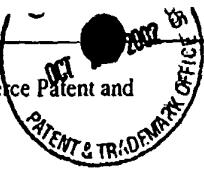
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CJ	BH	Presta, "Antibody Engineering," <i>Current Opinion in Structural Biology</i> , 2:593-596 (1992).
	BI	Rader and Barbas III, "Phage Display of Combinatorial Antibody Libraries," <i>Current Opinion in Biotechnology</i> , 8:503-508 (1997).
	BJ	Riechmann and Weill, "Phage Display and Selection of a Site-Directed Randomized Single-Chain Antibody Fv Fragment for Its Affinity Improvement," <i>Biochemistry</i> , 32:8848-8855 (1993).
	BK	Riechmann et al., "Reshaping Human Antibodies for Therapy," <i>Nature</i> , 332:323-329 (1988).
	BL	Ringrose et al., "The Kw Recombinase, an Integrase from <i>Kluyveromyces waltii</i> ," <i>Eur. J. Biochem.</i> , 248:903-912, FEBS (1997).
	BM	Rubin, " <i>Drosophila melanogaster</i> as an Experimental Organism," <i>Science</i> , 240:1453-1459 (1988).
	BN	Silver et al., "Amino terminus of the Yeast GAL4 Gene Product is Sufficient for Nuclear Localization," <i>Proc. Natl. Acad. Sci.</i> , 81:5951-5955 (1984).
	BO	Ulmanen et al., "Transcription and Translation of Foreign Genes in <i>Bacillus subtilis</i> by the Aid of a Secretion Vector," <i>Journal of Bacteriology</i> , 162(1):176-182, American Society for Microbiology (1985).
	BP	van Zyl et al., "Inactivation of the Protein Phosphatase 2A Regulatory Subunit A Results in Morphological and Transcriptional Defects in <i>Saccharomyces cerevisiae</i> ," <i>Mol. and Cell. Bio.</i> 12 (11): 4946-4959, American Society for Microbiology (1992).
	BQ	Ward et al., "Construction and Characterisation of a Series of Multi-Copy Promoter-Probe Plasmid Vectors for <i>Streptomyces</i> using the Aminoglycoside Phosphotransferase Gene from Tn5 as Indicator," <i>Mol. Gen. Genet.</i> , 203:468-478, Springer-Verlag (1986).
	BR	Whyte et al., "Molecular Cloning of Chromosome I DNA from <i>Saccharomyces cerevisiae</i> : Isolation, Characterization and Regulation of the SP07 Sporulation Gene," <i>Gene</i> , 95: 65-72, Elsevier (1990).

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BS

Zapata et al., "Engineering Linear F(ab')<sub>2</sub> Fragments for Efficient Production in  
*Escherichia coli* and Enhanced Antiproliferative Activity," *Protein Engineering*,  
8(10):1057-1062, Oxford University Press (1995).

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